



# **Nuclear Facility Deactivation & Decommissioning (D&D), Remainder of Hanford (RL-0040)**



***Installation of the Raw and Sanitary Water Lines inside the T-Plant Fence Area for Project L-399, "12-Inch Potable Water Supply to T-Plant."***

***Roof repair/sealing for the 400 Area warehouses, part of Project L-673, "Safety Enhancements, 400 Area Facilities."***



***New 3,500-gallon water truck received to provide water to the American Recovery and Reinvestment Act (ARRA)-supplied office trailers.***



## Introduction

This section addresses the Reliability Projects and HAMMER portions of Project Baseline Summary (PBS) RL-0040, Nuclear Facility Deactivation and Decommissioning (D&D), Remainder of Hanford. NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2009.

## Significant Accomplishments/Progress

### Reliability Projects

- Completed the Electrical/Water Metering Feasibility study in September.
- Received three 3,500-gallon potable water trucks needed to provide water to the American Recovery and Reinvestment Act (ARRA)-supplied office trailers.
- Completed Project L-673, *"400 Area Safety Enhancements,"* which included roof repairs and the addition and replacement of electrical breakers.
- Completed Project L-399, *"12-Inch Potable Water Supply to T Plant."*
  - Outstanding cooperation with CH2M HILL Plateau Remediation Contract (CHPRC) personnel within the T Plant fence was noted in the successful completion of this project.

### HAMMER

- HAMMER/Hanford Training level of training service to Hanford Site customers continued in September at slightly greater than a 200% increase from the FY-2008 level due to Recovery Act hires.
- HAMMER/HT was awarded the Superior Star by the U.S. Department of Energy-Headquarters Office (DOE-HQ). The Superior Star plaque is awarded to groups with safety statistics at 50 percent above the industry average.
- HAMMER Maintenance personnel, along with support from the 200 Area Maintenance group, completed the fabrication of two portable lock and tag props to meet increased demand due to the Recovery Act.

## Major Issues

- Demand exceeds availability of certain Lock-out Tag-out training classes (#00310I, "LOTO Training for CO Initial," and #00311R, "LOTO Training for AW Retraining"). Mitigation efforts put into place to address this issue include additional worker-trainers aggressively being sought, and additional props being built.



## Safety Performance

- During September, no Days Away from Work injuries occurred. One recordable injury was reported by the HAMMER facility, involving a scrape to the leg requiring prescription medication. This injury did not result in any work restrictions. In addition, there were two minor first aid cases reported.

## Schedule/Cost Performance (\$M)

Nuclear Facility D&D, Remainder of Hanford	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion (FY09)
September 2009	\$6.5	\$2.6	\$4.3	-\$3.9	-60.0%	-\$1.7	-65.4%	\$6.5

### Schedule Performance (-\$3.9 M/-58.5%):

- The unfavorable schedule variance is primarily due to Construction Management staff work priorities resulting in late project starts.
  - Significant Projects behind schedule:
    - Reliability Project Carryover (to FY 2010)
      - 200E Fuel Station Renovations
      - Fleet Shop Renovations
      - Fuel Truck/Bucket Truck/Trailer
      - 200 E/W Water Reservoir Piping Modifications

### Cost Performance (-\$1.7M/-65.4%):

The negative cost variance is primarily a result of Reliability Project Spare Parts Inventory transfer valued at approximately \$4.2 M from Fluor Hanford, offset by favorable cost variances on several completed projects.

## Hanford Federal Facility Agreement and Consent Order ("Tri-Party Agreement") Milestone Status

None.